

ABSTRACT

Since the transmitting telegraphic message and the dummy telegraphic message are segmented into pieces respectively and are transmitted after they are mixed and the sequence is rearranged, it is difficult to seize the content of telegraphic message by wiretapping and the like.

The telegraphic message transmitter 10 segments the transmitting telegraphic message by the transmitting telegraphic message segmenting portion 11 and segments the dummy telegraphic message by the dummy telegraphic message segmenting portion 12 and rearranges the sequence of telegraphic messages by the telegraphic message sequence rearrangement portion 13. The control telegraphic message forming portion 14 forms the control telegraphic message comprising the control information to restore the rearranged telegraphic message into the original sequence. The data transmitting portion 15 converts the rearranged transmitting telegraphic messages into packets one by one and transmits them with consecutive packet numbers. The data transmitting portion 15 converts the control telegraphic messages into packets and transmits them separately from the telegraphic messages. The telegraphic message receiver 20 stores the received telegraphic messages in the received telegraphic message storing portion 22 by keeping them in correspondence with the packet consecutive numbers. The telegraphic message restoring portion 24 restores the original telegraphic message by restoring the sequence of the telegraphic messages into the original state based on the received control information and combining them.